

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: JOHN M. BELCEA

TITLE: TIME DIVISION PROTOCOL FOR AN AD-HOC, PEER-TO-PEER  
RADIO NETWORK HAVING COORDINATING CHANNEL ACCESS  
TO SHARED PARALLEL DATA CHANNELS WITH SEPARATE  
RESERVATION CHANNEL

SERIAL NUMBER: 09/

FILING DATE:

GROUP: ART UNIT

EXAMINER:

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To: The Commissioner of Patents and Trademarks  
Washington, D. C. 20231

PRELIMINARY AMENDMENT

Sir:

In advance of the first office action, 1997, please amend the above-identified  
application as follows.

IN THE CLAIMS:

Cancel claim 1, and add the following new claims.

CLAIM 51. In an ad-hoc, peer-to-peer radio system comprising a series of radio terminals, each said radio terminal comprising transceiver means for transmitting and receiving signals from other like terminals of said series of terminals, computer means and memory means for storing program software means therein, said radio system based on time-dependent messaging having multiple parallel data channels and a control channel, the improvement comprising:

said memory means of each said radio terminal storing registration information about any other said radio terminal serving as a node therefor through which it has been registered for forming a call-connection routing path; and

said memory means of each said radio-terminal also storing registration information about any other said radio terminal for which it serves as a node therefor through which said any other radio terminal has been registered.

CLAIM 52. The an ad-hoc, peer-to-peer radio system according to claim 51, wherein said software means comprises updating means for updating said memory means; said updating means changing said registration information in order to reflect any changes in said nodes.

CLAIM 53. The an ad-hoc, peer-to-peer radio system according to claim 52, wherein said updating means comprises means for unregistering another said radio terminal, which had been registered with it, from said memory means.

#### R E M A R K S

The present amendment has been submitted in order to add new claims 51-53. No new matter has been added.

Respectfully submitted,

By: 

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